

SWALLOW.  
A NEW  
ALMANACK

for the Year of our  
LORD GOD

1696.

Being the Bissextile or Leap-year,  
and from the Worlds Creation,  
5699.

Calculated properly for the famous  
Univerſity and Town of Cambridge, where  
the North-Pole is elevated 52 degre  
12 min. above the Horizon.

And may ſerve indifferently for any other  
place of this Kingdom.

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*Omnia ſolus nulli inquit.*

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CAMBRIDGE,

Printed by John Hayes, Printer to  
the Univerſity, 1696.

The vulgar Notes and moveable Feasts for this  
Year 1698, in both Accounts, viz.

Julian or  
English.

Gregorian or  
Foreign.

	6	The Golden Number	6	
	6	The Dominical Letters	A B	
	6	The Epact	26	
	24	The Cycle of the Sun	24	
Febr.	23	Shrove-sunday	March	4
April	12	Easter-day	April	23
May	21	Ascension-day	May	31
May	31	Whit-sunday	June	10
Novemb.	24	Advent-sunday	Decemb.	2

The Anatomy of Man's Body.



- |                             |                          |
|-----------------------------|--------------------------|
| ♈ Aries Head and Face       | ♎ Libra Rains and Loynes |
| ♉ Taurus Neck and Throat    | ♏ Scorpio Secret Members |
| ♊ Gemini Arms and Should.   | ♐ Sagittarius the Thighs |
| ♋ Cancer Breast and Stomach | ♑ Capricorn the Knees    |
| ♌ Leo Heart and Back        | ♒ Aquarius the Legs      |
| ♍ Virgo Lungs and Belly     | ♓ Pisces the Feet        |

# A Table of the Four Terms with their Returns

Hilary Term begins January 23, and ends February 12, and hath 4 returns, viz.

Octab. Hilary Jan. 20  
Quind. Hilary Jan. 27  
Craft. Purif. Febr. 3  
Octab. Purif. Febr. 10

Easter Term begins April 29, ends May 25, and hath 5 returns, viz.

Quind. Pasch. April 27  
Tres Pasch. May 4  
Mens. Pasch. May 11  
Quinq. Pasch. May 18  
Craft. Ascen. May 22

Trinity Term begins June 12, and ends July 1, and hath 4 returns, viz.

Craft. Trin. June 8  
Octab. Trin. June 15  
Quind. Trin. June 22  
Tres Trin. June 29

Michaelmas Term begins October 23, and ends November the 28, and hath 6 returns, viz.

Tres Mich. Octob. 20  
Mens. Mich. Octob. 27  
Craft. Anim. Novem. 3  
Craft. Mart. Novem. 12  
Octab. Mart. Novem. 18  
Quind. Mart. Novem. 25

## Times prohibiting Marriage.

Marriage comes in on the 13 day of January, and at Septuagesima Sunday, it is out again until Low-sunday; at which time it comes in again, and goes not out till Rogation-sunday: thence it is forbidden until Trinity-sunday, from whence it is unforbidden till Advent-sunday; but then it goes out, and comes not in again till the 13 day of January next following.

Note that the Exchequer openeth 8 days before any Term begins except the Term of Trinity, which it openeth but 4 days before.

January

# January hath xxxi days.

First quarter the 1 day, 43 min. past 9 in the forenoon.  
 Full moon the 9 day, 36 min. past 6 in the morning.  
 Last quarter the 17 day, 59 min. past 9 beforenoon.  
 New moon the 24 day, 36 min. past 3 in the morning.  
 First quarter the 30 day, 49 min. past 11 at night.

1	a	Circumcision	21	26	Aries	22	
2	h	Octah. Steph.	22	27	Taur.	5	
3	e	Octah. John	23	28		18	
4	u	Octah. Innoc.	24	30	Gem.	1	Not very cold
5	@	2 after Christ,	25	31		13	the season con-
6	f	Twelf day	26	32		25	sidered.
7	g	Felle. &c.	27	33	Canc.	8	
8	a	Edward	28	34		20	
9	b	Marcellus	29	35	Leo	2	
10	c	Sun in Aquar.	02237			13	
11	d	Virginus	1	38		25	
12	@	1 sun. asc. Epi.	2	39	Virgo	7	
13	e	Hilary	3	40		19	
14	g	Felle	4	41	Libra	1	Frosty and
15	a	Quintus	5	42		13	cold towards
16	b	Marcell.	6	43		25	the New
17	c	Anthony	7	44	Scorp.	8	Moon.
18	d	Stephen	8	45		21	
19	@	2 after Epiph.	9	46	Sagit.	5	
20	e	Octah. Hilary	10	47		19	
21	f	Feb. Greg.	11	48	Capr.	2	
22	g	Agatha	12	49		18	
23	h	Tenth begins	13	50	Aquar.	3	
24	a	Gregory	14	51		18	About the end
25	u	Conv. S. Paul	15	52	Pisces	23	more cold
26	@	3 after Epiph.	16	53		18	with snow or
27	e	Quind. Hilary	17	54	Aries	3	rain.
28	f	Valentin	18	55		17	
29	g	Valerius	19	56	Taur.	1	
30	h	E.C. Mart.	20	57		14	
31	e	Matth.	21	47		27	



# February hath xxix days.

Full moon the 8 day, 10 min. past 2 in the morning.

Last quarter the 16 day, 21 min. past midnight.

New moon the 22 day, 10 min. past 3 in the afternoon.

First quarter the 29 day, 43 min. past 3 in the afternoon.

D.M.	W.D.	Festival days with terms.	☉ place d. m	Moons place.	Inclination of the Air.
1	☉	Bridget	22 57	Gem. 10	
2	☉	Parif. V. M.	23 57		Cold and
3	☉	Craft. Purif.	24 58	Canc. 5	frosty, with
4	☉	Gilbert	25 59		some variety
5	☉	Agathe	26 59		of weathers
6	☉	Dorothy	28 0	Leo 10	about this
7	☉	Will. B. Y.	29 0		time.
8	☉	Sun in Pisces	0X 1	Virgo 4	
9	☉	Septuagesima	1 1		
10	☉	Octab. Purif.	2 2		
11	☉	Scholast.	3 2	Libra 10	
12	☉	Term ends	4 2		
13	☉	Esther	5 3	Scorp. 5	Gloomy and
14	☉	Valentine	6 3		dark weather
15	☉	Faustine	7 3	Sagit. 1	with wind and
16	☉	Sexagesima	8 3		storms.
17	☉	Hugo	9 4		
18	☉	Abina	10 4	Capr. 12	
19	☉	Roman	11 4		
20	☉	Philips	12 4	Aquar. 12	
21	☉	Sept. N. M.	13 4		
22	☉	Juliana	14 4	Pisces 11	More boiste-
23	☉	Shrove Sunday	15 4		rous weather
24	☉	S. Matthias	16 4	Aries 11	towards the
25	☉	Intercall.	17 4		end with frost
26	☉	Ash Wednesday	18 4	Taur. 10	and snow.
27	☉	Augustin	19 4		
28	☉	Simoon	20 4	Gem. 6	
29	☉	Almela	21 5		

# March hath xxxi days.

Full moon the 8 day, 5:1 min. past 7 at night.  
 Last quarter the 16 day, 2:5 min. past 10 be forenoon.  
 New moon the 23 day, about 1 in the morning.  
 First quarter 30 day, 2:1 min. past 9 in the forenoon.

1	Quadsagesima	22	3	Canc.	1
2	Ehab B.	23	3		13
3	Denier	24	3		29
4	Ember week	25	3	Leo	7
5	Phocas	26	2		18
6	Widor	27	1	Virgo	1
7	Vergetus	28	1		13
8	3 fund. in Lent	29	0		25
9	Sun in Aries	0	0	Libra	7
10	Agapinus	0	59		19
11	40 Mart.	1	59	Scorp.	3
12	Gregory	2	58		15
13	Euphras	3	57		28
14	Chendose	4	57	Sagit.	11
15	3 fund. in Lent	5	56		24
16	Stellar, &c.	6	55	Capr.	8
17	Gurteude	7	54		22
18	Edward R.	8	53	Aquar.	6
19	Joseph	9	53		20
20	Euthbert	10	52	Pisces	5
21	Benedic	11	51		20
22	Midlent Sund.	12	50	Aries	
23	Theodor.	13	49		19
24	Richard, Ep.	14	48	Taur.	4
25	Annum. V. M.	15	46		18
26	Calix M.	16	45	Gem.	1
27	Hubert	17	44		14
28	Mercur	18	43		27
29	5 fund. in Lent	19	42	Canc.	10
30	Felix	20	40		28
31	Valbint	21	39	Leo	4

Very tempe-  
 stuous but not  
 very cold.

About this  
 time cold and  
 frosty morn-  
 ings with  
 storms of  
 snow or  
 rain.

Windy and  
 dry towards  
 the end.

# April hath xxx days.

Full moon the 7 day, 10 min. past 11 in the forenoon.  
 Last quarter the 14 day, 41 min. past 7 in the afternoon.  
 New moon the 21 day, at 11 in the forenoon.  
 First quarter the 29 day, 41 min. past 2 in the morn.

1	g	Chesodoy	22	38	Leo	16	
2	a	St. & Egypt	23	36		27	
3	b	Michael	24	35	Virgo	9	Very change-
4	c	Andrew	25	33		21	able weather
5	d	Palm Sunday	26	32	Libra	3	but indiffe-
6	e	Stephen	27	30		16	rently good
7	f	Euphemia	28	29		28	for the time
8	g	Dionys.	29	27	Scorp.	11	of the year.
9	a	Sun in Taur.	08	26		24	
10	b	Good Friday	1	24	Sagit.	8	
11	c	Spollin	2	22		21	
12	d	Easter day	3	20	Capr.	5	
13	e	Mother	4	19		18	Fine showers
14	f	Eustachia	5	17	Aquar.	2	and warm.
15	g	Perpetua	6	15		16	
16	a	Indovus	7	13	Pisces	1	
17	b	Diamond	8	11		16	
18	c	Clotilde	9	9		29	
19	d	Low Sunday	10	7	Aries	14	Some hasty
20	e	Thomas	11	5		28	storms with
21	f	Simson	12	3	Taur.	12	thunder.
22	g	Quintin	13	1		26	
23	a	S. GEORGE	13	59	Gem.	9	
24	b	Wilfridus	14	57		21	
25	c	St. Mark Ev.	15	55	Canc.	5	
26	d	2 after Easter	16	54		18	Windy with
27	e	Quind. Pasch.	17	51	Leo	0	rain towards
28	f	Andrew	18	49		12	the end.
29	g	Term begins	19	46		24	
30	a	Q. M. 2. horn	20	44	Virgo	5	

# May hath xxxi days.

Full moon 6 day, 45 min. past 11 at night.  
 Last quarter 13 day, 33 min. past 10 at night.  
 New moon the 20 day, 52 min. past 9 at night.  
 First quarter 28 day, 12 min. past 8 at night.

1	b	Phil. & Jacob.	21	42	Virgo	17	
2	c	Athanas	22	39		29	
3	d	3 after Easter	23	37	Libra	11	Fine clear
4	e	Tres Pasch.	24	35		20	weather but
5	f	Chilthoph.	25	32	Scorp.	7	soon alters.
6	g	Joh. Port. Lat.	26	30		20	
7	a	Joh. Beverly	27	27	Sagit.	3	
8	b	Agg. S. Mich.	28	25		20	
9	c	Abinach	29	23	Capr.	1	
10	d	Sun in Gem.	On 20			15	Cold batte-
11	e	Mens. Pasch.	1	18		29	ring storms of
12	f	Pereus	2	15	Aquar.	12	rain and hail
13	g	Servatius	3	12		27	with thunder.
14	a	Boniface	4	10	Pisces	11	
15	b	Sophia	5	7		25	
16	c	Flodoarus	6	5	Aries	9	
17	d	Rogat. Sund.	7	2		23	
18	e	Quind. Pasch.	7	59	Taur.	7	Windy with
19	f	Patentia	8	57		21	some rain but
20	g	Dunstan	9	54	Gem.	4	warm.
21	a	Ascension day	10	51		18	
22	b	Craft. Ascen.	11	48	Canc.	0	
23	c	Urban	12	46		13	
24	d	6 after Easter	13	43		26	
25	e	Term ends	14	40	Leo	8	Fine pleasant
26	f	Disceat.	15	37		20	growing wea-
27	g	Beda V.	16	35	Virgo	1	ther ends the
28	a	German	17	32		13	month.
29	b	K. Ch. 2. Nat.	18	29		27	
30	c	Felix	19	26	Libra	7	
31	d	Whit-Sunday	20	23		29	

# June hath xxx days.

Full moon the 5 day, 41 min. past 9 in the forenoon.  
 Last quarter the 12 day, 42 min. past 2 in the morning.  
 New moon the 19 day, 32 min. past 10 in the forenoon.  
 First quarter 27 day, 8 min. past noon.

1	c	Ascension	21	20	Scorp.	2	
2	f	Barthol.	22	18		15	
3	g	Ember week	23	15		28	Hot and dry
4	a	Petrus & Paul	24	12	Sagit.	10	at the begin-
5	b	Montes	25	9		26	ing.
6	c	Trinity	26	6	Capr.	10	
7	d	Trinity Sund.	27	3		25	
8	e	Craft. Trin.	28	0	Aquar.	9	
9	f	Edmond	28	57		24	
10	g	Getatus	29	54	Pisces	1	
11	a	S. Barnabas	0	51		22	Sun in Canc.
12	b	Term begins	1	49	Aries	6	
13	c	Cyrellus	2	46		20	Tempestuous
14	d	1 after Trin.	3	43	Taur.	4	with thunder.
15	e	Ordin. Trin.	4	40		17	
16	f	Richard	5	37	Gem.	0	
17	g	Wolp	6	34		13	
18	a	Barth. &c.	7	31		26	
19	b	Barthol.	8	28	Canc.	9	Windy with
20	c	Edward R.	9	25		21	some showers
21	d	2 after Trin.	10	22	Leo	4	of rain.
22	e	Quind. Trin.	11	19		16	
23	f	John & Paul	12	16		28	
24	g	S. John Bapt.	13	13	Virgo	10	
25	a	Barthol.	14	10		21	Towards the
26	b	Leo Ep.	15	7	Libra	3	end increase
27	c	Crescent	16	4		15	of heat, and
28	d	3 after Trin.	17	2		21	like to thun-
29	e	S. Pet. & Paul	17	59	Scorp.	10	der.
30	f	Com. Paul	18	56		23	

# July hath xxxi days.

Full moon the 4 day, 46 min. past 6 in the afternoon.

Last quarter the 11 day, 34 min. past 7 before noon.

New moon the 18 day, 42 min. past 11 at night.

First quarter the 27 day, 56 min. past 2 in the morn.

1	U	Term ends	19	53	Sagit.	6	
2	a	Visit Mary	20	50		20	
3	b	Genevra	21	47	Capr.	4	Hot sultry
4	c	Quintich	22	44		19	weather at
5	d	4 after Trin.	23	41	Aquar.	3	the begining
6	e	Oct Peter.	24	39		18	of the month.
7	f	Tr. C. Rich.	25	36	Pisces	3	
8	g	Grimbald	26	33		18	
9	a	Cyrellus	27	30	Aries	3	
10	b	Dep. frat.	28	27		17	
11	c	Berevis	29	24	Taur.	1	
12	d	Sun in Leo	30	22		14	
13	e	Wassletus	1	19		27	Very fine
14	f	Donatent	2	16	Gem.	10	weather for
15	g	Whithin	3	13		23	making hay
16	a	Diamond	4	11	Canc.	6	about this
17	b	Blexius	5	8		18	time.
18	c	Brnelgh.	6	5	Leo	0	
19	d	Bag days beg.	7	3		12	
20	e	Margaret	8	0		24	
21	f	Stacreda	9	57	Virgo	6	
22	g	Pat. Mag.	9	45		18	
23	a	Spollis	10	52	Libra	0	
24	b	Christiana	11	49		12	Windy, with
25	c	St. James	12	47		24	hasty showers
26	d	7 after Trin.	13	44	Scorp.	6	of rain and
27	e	Colm. Wm.	14	42		18	thunder.
28	f	Felix	15	37	Sagit.	1	
29	g	Martha	16	36		14	
30	a	Abdon	17	34		29	
31	b	German	18	32	Capr.	12	



# August hath xxi days.

Full moon the 7 day, 35 min. past 1 in the morning.  
 Last quarter the 9 day, 36 min. past 2 in the afternoon.  
 New moon the 17 day, 10 min. past 3 in the afternoon.  
 First quarter the 25 day, 15 min. past 4 in the afternoon.

1	c	Lammas day	19	30	Capr.	27	
2	d	8 after Trin.	20	27	Aquar.	12	
3	c	Invent. Step.	21	24		27	Hot and dry.
4	d	Dominate	22	22	Pisces	12	at the begin-
5	d	Fest. nivis	23	20		27	ing.
6	a	Sixtus Ep.	24	18	Aries	12	
7	b	Trans. Christi	25	16		27	
8	c	Cyrilcus	26	13	Taur.	10	
9	d	9 after Trin.	27	11		24	
10	e	S. Lawrence	28	9	Gem.	7	
11	f	Libertinus	29	7		20	
12	g	Sun in Virgo	0	5	Canc.	3	Good harvest
13	a	Hippolytus	1	3		15	weather.
14	b	Calixtus	2	0		27	
15	c	Assump. V. M.	2	58	Leo	9	
16	d	10 after Trin.	3	56		21	
17	e	Thomas	4	54	Virgo	3	
18	f	Helena	5	53		15	
19	g	Aug. Mart.	6	51		27	Hot and
20	a	Bernard	7	49	Libra	9	moist with
21	b	Prisistus	8	47		29	high winds.
22	c	Simphos	9	45	Scorp.	3	
23	d	11 after Trin.	10	43		15	
24	e	S. Bartholom.	11	42		27	
25	f	John the	12	40	Sagit.	10	
26	g	Severus	13	38		23	
27	a	Dog days end	14	36	Capr.	7	Black clouds
28	b	Augustin	15	35		21	with thunder.
29	c	Decol. J. Bapt.	16	33	Aquar.	5	
30	d	12 after Trin.	17	32		20	
31	e	Paulinus	18	30	Pisces	5	

# September hath xxx days.

Full moon the 1 day, 21 min. past 9 in the forenoon.  
 Last quarter the 8 day, 17 min. past 5 in the morn.  
 New moon the 16 day, 46 min. past 7 in the morning.  
 First quarter the 24 day, 29 min. past 3 in the morning.  
 Full moon the 30 day, 52 min. past 5 in the afternoon

1	f	Egidius	19	29	Pisces	21	
2	B	Anthony	20	27	Aries	6	
3	a	Samet	21	26		21	High winds
4	b	Chesbott	22	24	Taur.	5	and warm for
5	c	Bertinus	23	23		19	the season.
6	D	13 after Trin.	24	22	Gem.	3	"
7	a	Regius	25	20		16	
8	c	Nat. V. M.	26	19		29	
9	B	Gegen	27	18	Canc.	12	
10	a	Ellar, Pa.	28	17		24	Tempestous
11	b	Felly	29	16	Leo	6	with rain.
12	c	Sun in Libra	0	15		18	
13	D	14 after Trin.	1	14	Virgo	0	
14	t	Exalt. Crucis	2	12		12	
15	f	Alcomed.	3	11		24	
16	B	Ember week	4	10	Libra	6	Misty mor-
17	a	Lambert	5	10		18	nings, and
18	b	Mit. & Cor.	6	9	Scorp.	0	somewhat
19	c	Yanuar.	7	8		12	raw and
20	D	15 after Trin.	8	7		24	cold.
21	t	S. Matthew	9	6	Sagit.	7	
22	f	Maurice	10	5		20	
23	B	Teels, Vir.	11	5	Capr.	3	
24	a	Angertus	12	4		16	
25	b	Cleophes	13	3	Aquar.	0	Good wea-
26	c	Cyprian	14	3		14	ther for the
27	D	16 after Trin.	15	2		29	time of the
28	t	Wenerf.	16	2	Pisces	14	year.
29	f	S. Michael	17	1		29	
30	B	Hieronim	18	1	Aries	14	

# October hath xxxi days

Last quarter the 7 day, 23 min. past 9 at night.  
 New moon the 15 day, 36 min. past 12 at night.  
 First quarter the 23 day, 52 min. past noon.  
 Full moon the 30 day, 30 min. past 4 in the morning.

1	a	Memigius	19	0	Aries	29	
2	b	Reobiger	20	0	Taur.	14	
3	c	Candibus	21	0		28	Mild weather
4	d	17 after Trin.	21	59	Gem.	12	begins the
5	e	Spollin	22	59		25	month.
6	f	Fides	23	59	Canc.	8	
7	g	Marcus, &c.	24	59		21	
8	a	Delagis	25	58	Leo	3	
9	b	Idonius	26	58		15	
10	c	Edron	27	58		27	
11	d	18 after Trin.	28	58	Virgo	9	Windy and
12	e	Colman	29	58		20	wet.
13	f	Sun in Scorpio	0	58	Libra	2	
14	g	Calixtus	1	58		14	
15	a	Wolfgang.	2	58		26	
16	b	Gallus	3	58	Scorp.	9	
17	c	Wolfgang	4	59		21	Cold winterly
18	d	5. Luke Ev.	5	59	Sagit.	4	weather but
19	e	Detolomy	6	59		17	soon after.
20	f	Tres Mich.	7	59	Capr.	0	
21	g	40 Virg. M.	8	59		13	
22	a	Cordula	9	59		27	
23	b	Term begins	11	0	Aquar.	11	
24	c	Salome	12	0		25	
25	d	20 after Trin.	13	1	Pisces	9	Dark gloomy
26	e	Quintus	14	1		29	weather with
27	f	Menf. Mich.	15	2	Aries	8	rain & snow.
28	g	S. Sim. & Jude	16	2		23	
29	a	Barcillus	17	3	Taur.	7	
30	b	German	18	3		28	
31	c	Wolfgang.	19	4	Gem.	6	

# November hath xxx days.

Last quarter the 6 day, 31 min. past 4 in the afternoon.  
 New moon the 14 day, 12 min. past 5 at night.  
 First quarter the 21 day, 16 min. past 8 at night.  
 Full moon the 28 day, 22 min. past 9 at night.

1	d	All Saines	20	4	Gem.	20	
2	e	Omn. Anim.	21	5	Cancer	3	
3	e	Cast. Anim.	22	6		16	Gold brisk
4	e	K. W. 3. born.	23	6		29	and sharp air.
5	e	Powder Plot	24	7	Leo	11	
6	b	Reynolds	25	8		23	
7	e	Florent	26	9	Virgo	5	
8	d	22 after Trin.	27	9		17	
9	e	Chrobosc	28	10		29	More turbu-
10	e	Martin P.	29	11	Libra	10	lent weather
11	e	Sonin Sagit.	30	12		22	with snow or
12	a	Craft. Mart.	1	13	Scorp.	5	rain.
13	b	Bates	2	14		17	
14	e	Frederic.	3	15	Sagit.	0	
15	d	23 after Trin.	4	16		13	
16	e	Dismarag	5	16		26	
17	e	Widow's	6	17	Capr.	10	Variable and
18	e	Octob. Mart.	7	18		24	unsettled wea-
19	e	Sydney	8	19	Aquar.	7	ther about
20	b	Edmond R.	9	20		21	this time.
21	e	Colat. V. M.	10	21	Pisces	5	
22	d	24 after Trin.	11	22		19	
23	e	Clement.	12	23	Aries	4	
24	e	Chryseus.	13	24		18	
25	e	Quint. Mart.	14	25	Taur.	2	
26	e	Conradus	15	26		16	Now inclining
27	e	Agatha	16	27	Gem.	6	to frost.
28	e	Termin ends	17	28		14	
29	e	Advent Sund.	18	29		28	
30	e	S. Andrew	19	30	Canc.	11	

# December hath xxxi days:

Last quarter the 6 day, 43 min. past noon.

New moon the 14 day, 4 min. past 8 in the morning.

First quarter the 21 day, 49 min. past 3 in the morning.

Full moon the 28 day, 49 min. past 8 in the morning.

1	f	Daniel	20	33	Canc.	24	
2	S	Libanus	21	34	Leo	7	
3	a	Calistin	22	35		19	
4	b	Barbara	23	37	Virgo	1	Windy cold
5	t	Susanna	24	38		13	raw weather.
6	ND	2 sun. in Adv.	25	39		25	
7	e	Embyost	26	40	Libra	6	
8	f	Concep. B.V.	27	42		18	
9	u	Cyprian	28	43	Scorp.	0	
10	a	Agathe	29	44		13	
11	b	Sun in Capr.	30	45		26	
12	c	Epimach.	1	47	Sagit.	8	Dark and cold
13	ND	3 sun. in Adv.	2	48		22	with some
14	e	Olth. Vir.	3	49	Capr.	5	frost.
15	f	Marcellum	4	51		17	
16	S	Ember week	5	52	Aquar.	4	
17	a	Agastus	6	53		18	
18	b	Bernardin.	7	54	Pisces	2	
19	c	Lech	8	56		16	Windy and
20	ND	4 sun. in Adv.	9	57	Aries	1	cold with
21	e	S. Thomas	10	58		15	some wet.
22	f	30 Mart.	12	0		29	
23	S	Agap.	13	1	Taur.	12	
24	a	Quint. & Oct.	14	2		26	
25	b	Christmas day	15	7	Gem.	10	
26	c	S. Stephen	16	4		23	
27	ND	S. John	17	5	Canc.	6	Not very cold
28	e	H. Innocents.	18	6		19	for this season.
29	f	Donatus	19	7	Leo	2	
30	S	Wald	20	9		11	
31	a	Elisabeth	21	11		27	



Swallow 1696.

# A Regal Table in a more exact manner

The Year, Month, and Day, (accounting the Year to begin Jan. 1.) whereon every King and Queen of Eng. since the Conquest began their reign. The number of Years, Months, and Days, that every King and Q. reigned to Sign: as also 128 da. to a month. since they ended. The num. of Y. expired in this Y.

K. W. Conq.	1066	Octob.	14	20	7	11	m	22	d	630	K. W. Conq.
W. Rufus	1087	Sept.	9	12	7	11	m	18	d	609	W. Rufus
Henry	1100	August	1	35	7	4	m	11	d	596	Henry
Steven	1135	Decem.	3	18	7	11	m	18	d	561	Steven
Henry	1154	Octob.	25	34	7	2	m	2	d	543	Henry
Richard	1189	July	6	9	7	9	m	0	d	507	Richard
John	1199	April	6	19	7	7	m	0	d	497	John
Henry	1216	Octob.	19	36	7	1	m	0	d	474	Henry
Edward	1273	Nov.	16	34	7	8	m	6	d	410	Edward
Edward	1307	July	7	19	7	7	m	5	d	389	Edward
Edward	1327	Jan.	25	50	7	5	m	7	d	369	Edward
Richard	1377	June	21	22	7	3	m	14	d	319	Richard
Henry	1399	Sept.	29	13	7	6	m	3	d	217	Henry
Henry	1413	March	20	9	7	5	m	24	d	283	Henry
Henry	1443	August	31	38	7	6	m	16	d	174	Henry
Edward	1461	March	4	22	7	1	m	8	d	155	Edward
Edward	1483	April	9	9	7	2	m	18	d	113	Edward
Richard	1485	June	22	2	7	2	m	5	d	113	Richard
Henry	1485	August	22	23	7	10	m	24	d	111	Henry
Henry	1509	April	22	37	7	10	m	2	d	187	Henry
Edward	1547	Jan.	28	6	7	5	m	19	d	149	Edward
Q. Mary	1553	July	6	4	7	4	m	22	d	143	Q. Mary
Q. Elizabeth	1558	Nov.	17	44	7	4	m	15	d	138	Q. Elizabeth
James	1603	March	24	22	7	0	m	3	d	94	James
Charles	1625	March	29	22	7	10	m	3	d	71	Charles
Charles	1648	Jan.	30	36	7	0	m	0	d	47	Charles
James	1685	Febr.	6	4	7	0	m	0	d	11	James
William	1688	Febr.	13								William
Marv											Marv

## The Use of the Table in Example.

King Henry 8 began his Reign in the Year of Christ 1509, April 22 He Reigned 37 Years, 10 months, and 2 days. It is since he began his Reign 137 years complet the 22 of April this year 1646. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 149 Years since he died, Jan. 28 And so of the rest.

Swallow



SWALLOW.

The latter part of this

ALMANACK

for the Year of our

LORD GOD

1696.

Being the Bissextile or Leap-year,  
and from the Conquest of England

by William Duke of Nor-  
mandy 830 years.

Wherein is contained an account of the Eclipses,  
the time of the Sun's entrance into the four  
Cardinal Signs. Likewise a Table of all  
the Shires in England and Wales, shewing how  
many Parliament Men, Hundreds, &c. are in  
each Shire, with many good Receipts shew-  
ing how to cure many principal diseases, inci-  
dent to Horses, Cows and Sheep: Also Ta-  
bles and Rules how to measure Board and  
Timber, a Table of Interest, Tables for Pur-  
chasing and putting out of money for Interest  
upon Interest, as also a Table shewing the ri-  
sing and setting of the Sun, &c. with the  
Fairs in a larger manner than formerly.

*Frigidus & siccus Satur. Jup. astat udu.*

*Mars & Sol sicco fervent: sed, Luna Venusque*

*uda frigescent: medius Cyllenius esto.*

CAMBRIDGE,

Printed by John Hayes, Printer to the  
University, 1695.

*Swallow 1696.*

*The Eclipses for the year 1696.*

**T**Here will be but two Eclipses visible this year 1696. in our Herizon, and those both of the Moon. There will be also two of the Sun but Invisible as to us here in England.

The first Eclipse of the Moon, will be on May the 8<sup>h</sup> day, about midnight; in 27 degrees of the Martial Sign *Scorpio*, the Moon loseth her light on the very Cusp of the Angle of Honour, it will be a total Eclipse, and may be seen if the Air be clear.

The second *October* the 30<sup>th</sup> day, about 4 in the morning, and is Celebrated in 18 degrees of *Taurus*, this also is a great, visible and total Eclipse of the Moon, and happens in the 8<sup>th</sup> Angle of the Heavens.

*December* the 14<sup>th</sup> will happen a famous Conjunction of *Saturn* and *Mars* in 16 degrees of *Capricorn*, the effects I leave to time and the most curious to shew it to the World.

---

*The Suns entrance into the four Cardinal Signs  
this Year.*

**H**E enters  $\gamma$ , *May* the 10, 6 minutes past 5 at night, and then begins our Spring Quarter.

He enters  $\text{♋}$  *June* the 12, 16 minutes past 6 at night, and then begins our Summer Quarter.

He enters  $\text{♏}$ , *September* the 13, 34 minutes past 10 at night, and then begins our Autumn.

He enters  $\text{♐}$ , *December* the 12, 26 minutes past 3 in the afternoon, and then begins our Winter Quarter.

*A true Computation of some things memorable.*

The World began	5699
Noah's Flood	4044
The birth of Abraham	3691
The birth of Isaac	3591
The birth of Jacob	3432
The birth of Joseph	3400
Joseph was sold by his Brethren	3222
Jacob went down into Egypt	3401
Moses was born	3266
The giving of the Law upon Mount Sinai	3186
Moses died	3146
David began to reign	2750
Solomon began to build the Temple	2707
Nebuchadnezzar burnt it	2283
Zorobabel began again to build it	2213
The building of the Tower in London	2114
Alexander the Great died	2019
The building of Cambridge	1295
Julius Cesar conquered Britain	1747
The destruction of Jerusalem by Titus	1626
S. John wrote his Revelation	1662
Lucius the first Christian King began	1516
Constantine the first Christian Emp. began	1372
Cambridge was made an University	1062
The first Mayor of London	506
The invention of Guns	316
The invention of Printing	256
Tilbury Camp on S. James his day	108
The Powder Treason, Novemb. 5.	91
The beginning of the Great Frost, Novemb.	91
The last great Plague in London	31
London almost consumed by fire	30
S <sup>r</sup> Edmund-Bury Godfrey was Murdered Octob.	18
Monmouth was beheaded July 15.	11
King James II. Abdicated in December 1688.	8
K. William and Q. Mary Crown'd Apr. 11. 1689.	7

**A Table of all the Shires or Counties in England and Wales**  
with the number of Parliament Men, Hundreds, Market-Towns, and Parishes in each Shire, as also the Length, Breadth, and Circumference thereof, with &c.

The Names of all the Shires in England and Wales	Parliam. Men.	Hundreds.	Market Town	Parishes.	Length.	Breadth.	Circumference.	The Name of the chief Town of each Shire.	Distance and situation from Cambridge.
Bark-shire	9	20	12	146	40	24	120	Reading	53 S.w.
Bedford shire	4	9	10	116	24	12	73	Bedford	20 W.
Bucks	14	8	15	185	39	18	138	Buckingham	36 W.
Cambridge sh.	6	17	8	163	35	20	130	Cambrid.	co
Cheshire	4	7	13	68	44	25	112	Chester	118 N.w.
Cornwall	44	9	21	161	70	35	150	Launceston	183 S. w.
Cumberland	6	15	5	58	55	30	168	Carlisle C.	190 N.
Derby-shire	4	6	9	106	34	26	130	Derby	70 N.w.
Devon shire	26	33	32	394	56	54	206	Exeter C.	155 S. w.
Dorset shire	20	29	19	248	44	24	150	Dorchester	126 S. w.
Durham	4	4	6	118	36	30	107	Durham C.	154 N.
Essex	8	20	21	415	40	35	146	Colchester	35 E.
Glocester-sh.	8	36	25	286	48	26	138	Glocester C.	81 S. w.
Hants shire	26	40	16	253	46	30	154	Southamp.	95 S. w.
Hertford-shire	6	8	18	120	27	35	130	Hertford	22 S.
Hereford shire	8	11	8	176	24	23	102	Hereford	98 W.
Huntington-sh	4	4	6	79	20	15	67	Huntingt.	13 N.w.
Kent	10	66	29	408	60	34	162	Canterb.	67 S. E.
Lancashire	14	62	26	615	57	31	170	Lancaster	148 N.w.
Leicester-shire	4	6	12	192	27	23	106	Leicester	30 N.w.
Lincoln shire	12	10	34	630	55	35	180	Lincoln C.	62 N.
Middlesex	8	6	4	73	19	16	8	London C.	44 S.
Norfolk	12	11	28	660	50	30	240	Norw. C.	49 N.E.
Northampton	9	20	11	326	32	20	120	Northam.	33 W.
Northumberl.	8	6	6	46	43	30	143	New Ca.	166 N.
Nottingham	6	8	9	168	38	19	110	Nottingh.	61 N.w.
Oxford shire	9	14	13	286	38	25	130	Oxford C.	50 S. w.
Ratland-shire	2	5	2	48	12	10	40	Okeham	39
Shrop-shire	12	15	15	170	25	33	134	Shrewsb.	103 W.

# Swallow 1696.

The Names of all the Shires in <i>England</i> and <i>Wales</i> .	Parliam. Men.	Hundreds.	Market Towns.	Parishes.	Length.	Breadth.	Circumference.	The Names of the chief Town of each Shire.	Distance and situation from <i>Cambridge</i> .
Somerset Shire	18	29	30	385	55	40	204	Bristol	103 S. w.
Stafford-shire	10	5	18	130	40	22	141	Litchfield	74 N. w.
Suffolk	16	22	29	575	40	30	140	Ipswich	40 E.
Surrey	14	14	7	140	34	22	112	Kingston	48 S.
Sussex	20	65	16	312	56	20	158	Chichester	83 S.
Warwick-shire	6	5	15	158	33	25	135	Warwick	57 W.
Westmorland	4	4	8	26	36	25	120	Kendal	160 N. w.
Wilt-shire	34	29	22	304	40	30	145	Salisbury	92 S. w.
Worcester sh.	9	7	11	152	35	30	130	Worcester	78 W.
York shire	29	26	48	563	85	75	320	York	114 N.
Isle of <i>Anglesey</i>	2	6	2	74	24	17	80	Beaumarice	173 N. w.
Brecknock sh.	2	6	4	61	30	16	106	Brecknock	130 W.
Cardigan sh.	2	5	4	64	36	17	94	Cardigan	180 W.
Carnarvan-sh.	2	7	6	68	40	20	110	Carnarvan	175 N. w.
Carmardan-sh.	2	6	8	87	35	30	102	Carmarden	168 W.
Denbigh-shire	2	12	4	57	32	18	116	Denbigh	145 N. w.
Flint-shire	2	5	2	28	30	18	80	Flint	140 N. w.
Glamorgan sh.	2	10	8	118	40	20	112	Llandaff	123 W.
Merioneth-sh.	1	6	3	37	36	26	108	Harlech	165 W.
Monmouth-sh.	3	6	7	127	24	19	86	Monmouth	102 S. w.
Montgomery sh.	2	7	6	47	30	21	94	Montgom.	124 W.
Pembroke-sh.	3	7	8	145	26	26	93	Pembroke	178 W.
Radnor-shire	2	6	3	52	24	22	8	Radnor	120 W.

The total number of all the Counties in *England* and *Wales* 52.

The number of Parliament Men 496.

Barons of Cinque Ports 16

The total Number of Parliament Men is 512

Hundreds Market-Towns. Parishes. Arch-Bishopricks 2

768. 713. 9241. Bishopricks 24



*The Explanation and use of the foregoing Table,  
with some observations of England.*

THE Table consisting of several Columns, is plain and easie; in the first column towards the left hand, is a Catalogue of all the Shires in *England* and *Wales*, right against each of which, under their proper Titles, are the number of Parliament Men, Hundreds, Market-Towns, and Parishes contained in the same, as also the Length, Breadth, and Circumference of the Shire, with the Name of the Chief Town thereof, and its Distance and Situation from *Cambridge*.

As for Example,

I desire to know all the forementioned things, in or belonging to *Norfolk*, I look for *Norfs.* in the first column (the Shires being in an Alphabetical order) and right against the same I find, 12 Parliament Men, 31 Hundreds, 28 Market-Towns, 660 Parish. its length 50 miles, breadth 30, circumference 240, the chief Town *Norwich*, its distance from *Cambridge* 49 miles, and its situation from thence North East, signified by N. E. thus in like manner is to be done for any other Place.

*England*, being the Chiefest and Pleasantest part of *Great Britain* is trebly divided, 1. into six Circuits destinated to the Itinerary Judges, 2. into 22 Episcopal Diocesses, 3. into 40 Shires; the Shires were first made by King *Alfred*, for the easier and speedy administration of Justice. This King also divided his Subjects into Tens, or Tythings, every of which severally, should give bond for the good behaviour of each other; ten of the mightiest Tythings made the Lesser division which we call Hundreds, which name cannot be derived from the number of Villages, none of our Hundreds being so large: these Hundreds are called Wards in *Cumberland*, *Westmorland*, *Durham*,  
Norf



*Northumberland*: in every Hundred ther's a Constable called the Constable of the Hundred, who receives Warrants from the Sheriffs, or Justices, and dispatches them to the Constables of each Town and Village in his Hundred, for the effecting of publick businesses. To enumerate the plenty and ornaments of *England*, requires more room than here is allotted, therefore it may suffice to express some of her Excellencies in these verses, viz.

*England is stor'd with Mountains, Bridges, Wooll,  
With Churches, Rivers, Women beautifull.*

---

*A Rule by knowing what any thing is worth a pound, to know what it is worth by the C.*

**T**Urn the price of the pound into farthings, and then take twice so many shillings, and once so many groats, for the price of the hundred of *Averdupois* weight; which is Fivescore and Twelve pounds to the hundred.

*Example.* A Gocer hath Prunes which he sells two pence halfpeny the pound, and he desires to know what that is a hundred: There is in two pence halfpeny 10 farthings, the which being made twice so many shillings, is 20 shillings, and once so many groats is 10 groats, which is three shillings and four pence, which being added to the 20 shillings, makes one pound three shillings, and four pence, and so much is the hundred worth, after the rate of two pence halfpeny the p. and.

*Another Example.* If I pay for Sugar five pence the pound, what is that a hundred? I consider that in five pence there is 20 farthings, which must be made twice so many shillings, and that is 40 s. and once so many groats which is twenty, which makes Six shillings and eight pence, being added to the 40 s. is Forty six shillings and eight pence, for the hundred.

*Smallow 1696.*

*Several good Receipts shewing how to cure many principal diseases, incident to Horses, Cows and Sheep.*

*A Medicine for the Yellows.*

**L**ET the Horse blood in the neck, in the mouth and under the Eye, then take two penny-worth of Saffron, which being dryed and made into fine powder, mix it with sweet Butter, and make it in the manner of a Pill, give it in balls to the Horse three mornings together, let his drink be warm, and his hay be sprinkled with water.

*To cure the hungry evil.*

Give the Horse to drink Milk, and wheat-meal mixed together, a quart at a time, and so feed him with provender, by little and little, till he forsake it.

*A remedy for the Frenzy, Head-ach, and Staggers in Horses.*

The sign to know this disease by, is usually the hanging down of his head, watry eyes, and reeling of his body; and the cure is to let the horse blood in the neck three mornings together, and every morning take a quantity of this drink following. Take a quart of Ale, and boil in it a big white-bread loose crust, then take it from the fire, and dissolve three or four spoonfulls of honey into it, then lukewarm give it to the horse to drink, and cover over his temples with a plaister of Pitch, keep his head exceeding warm, let his meat be little, and his stable dark; give him two ounces of Diapente, in Muscadine or honey, after the same manner, it is a good cure.

## *Swallow 1696.*

### *To cure Bots and Worms of all sorts.*

Get the leaves chopped of the herb Savine, and mix it with honey and butter, and make two or three balls thereof, and make the horse swallow them down, and it will help him, *probatum est.*

### *A cure for the Cramp, or the Convulsion of the Sinews.*

The Cramp is the drawing the Sinews together, or any of ones members; but the Convulsion, is when the whole body is generally contracted and stified: The way to cure it, is first to chafe and rub the members contracted with Vinegar and common oyl, and then to bind it all over with wet hay, or else with woollen or linnen cloaths wet, either of which is not amiss.

### *To cure the Glaunders.*

Take Auripigmentum two Drams, of Tussilaginis made into powder, as much; mix them together with Turpentine, till they be like paste, make thereof little cakes, dry them before the fire, then take a Chafingdish of Coals and lay two of the Cakes thereon, cover them with a tunnel, and when the smoak riseth, hold the Chafingdish, guiding the tunnel into the horse's nostrils, and let the smoak go up into his head, which done, ride the horse till he sweat, do thus every morning before he be watered till the running of his nostrills cease, and the kernels under his chaps be gone.

### *A cure for the Scab or Mange in Horses.*

Take fresh grease or yellow Arsnick, and mix them together, and where the Manginess or Itch is, there rub it hard, the sore being made to run.

*For*

*For the Plague in the Guts, and such like infections.*

Take of Selandier roots, leaves and all, one handfull, as much Wormwood, and the like quantity of Rue, wash them well, and then bruise them in a morttar, which being done, boyl them well in a quart of Ale, then strain them, and add to the liquor a quarter of a pound of sweet Butter, and being lukewarm, give it to the Horse.

*To cure the Pain in the Kidnies, or Stone in a Horse.*

Take a handfull of Maiden hair, and steep it all night in a quart of strong Ale, give it the horse to drink every morning till he be well; this will break any stone in a horse.

*To defend a horse from the Flies.*

Take the juice of Bellitory of Spain, mix it with Milk and anoint the horse's belly with it, and no Flies will trouble him.

*For broken bones, or bones out of joynt in Horses.*

First place the bones in the right places, then take Ferismand and beat it in a Mortar, with the Oyl of swallows, anoint the members broken, then splinter it up, and rowl it up, and in fifteen days time the bone will be strong.

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*Remedies for several diseases incident to Cows and Oxen.*

*For the diseases in the Guts, Flix or Collick.*

**T**ake a handfull of the seed of wood-roses, dry it and beat it to powder, brew it with a quart of strong Ale, and give it the beast to drink.

*For*

## *Swallow 1696.*

### *For the Pestilence or Murrain.*

Take of old Urine a quart, and mix it with a quantity of Hens Dung, dissolve it in it, and let the beast drink it.

### *For the general Scab or Scurf in Cattle.*

If it be only in one place, anoint that place with black Soape and Tarr mixed together, but if it be over the whole body, then first let the beast bleed, and then wash the scabs with old Urine and green Copperas together, and after that anoint the body with boars grease and brimstone mixed together.

### *For eating any Poisonous thing.*

Take a pint of strong Vinegar, and half so much oyl, and two spoonfulls of London Treacle, and mix it together on the fire, and give it the beast warm to drink, and it certainly cures him.

### *For killing of worms in Oxen and Cows.*

Take Savin chopped small, and beaten with sweet butter, and so give it in round balls to the beast, or else use sweet wort and black soape mixed.

### *For preserving Sheep from the Rot.*

Take Adrates, which is a certain salt gathered from the Marthes in the heat of summer, with this rub the mouth of the sheep once a week, and you never need fear rotting of your sheep.

### *For the staggers in Sheep or Lambs.*

Take Assaferida and dissolve it in warm water, and put the quantity of half a spoonfull into each ear of the sheep or Lamb and it will be a speedy remedy.

*Forreign*

# Swallow 1696.

## Foreign Coin reduced to English Money.

### Spanish Money.

6 Contrados	} make 1	Mervid
54 Mervids		Ryal or 6 d. English
11 Ryals		Ducat
8 Ryals		Piece of 8, or 4 s. English.
4 Quartiliards		

### Portugal Money.

40 Res	} Makes 1	Ryal or 6 d. English.
2 $\frac{1}{2}$ Ryals		Testoon
4 Testoons or 10 Ryals		Ducat
2 $\frac{1}{2}$ Ducats		Milti of Gold.

### French Money.

12 Deniers	} Make 1	Soulk
20 Soulx		Frank or Liver
16 Soulx		Cardeque
4 Carducas		Crown.

### Scotch Money.

1 Small Piece	} Make	2 d 1 q English
3 Small Pieces		1 Noble Scotch or 6 d. $\frac{3}{4}$ Engl.
2 Nobles Scotch		1 Mark or 13 d. $\frac{1}{2}$ Engl.
3 Nobles Scotch		1 l. Scotch or 20 d. Engl.

### Flemish Money.

8 Pence	} is	1 Groat
2 Groats		1 Single stiver
20 Single Stivers		1 Doub. Stiv. or 3 d. 1 q. Eng.
20 Sin. Stiv. or 10 doub.		1 Guildier 3 s. 4 d. Engl.
6 Guilders		1 Pound.



# Swallow 1696.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

	Shil.	1 month.			3 months			6 months			9 months			A Year.		
		li.	s.	d.	li.	s.	d.	li.	s.	d.	li.	s.	d.	li.	s.	d.
	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	2	0	5	10	8	2	0	10	2	
Pounds.	1	0	1	0	0	3	2	0	7	0	10	2	1	2	1	
	2	0	2	1	0	7	0	1	2	1	9	1	2	4	2	
	3	0	3	2	0	10	2	1	9	12	7	3	3	6	3	
	4	0	4	3	1	2	1	3	4	23	6	3	4	9	0	
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	16	3	1	8	4	2	
	8	0	9	2	2	4	2	4	9	17	1	3	9	6	3	
	9	0	10	3	2	8	1	5	4	28	0	3	10	9	0	
Tens of Pounds.		po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.	po.	sh.	p.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the first Column, and in the other you have the Interest due for One, Three, Six, Nine, or Twelve months.

Of

# Of Weights and Measures.

Of Troy Weight.

Apothecaries Weight.

24 Grains	MAKE	1 Peny w.	20 Grains	MAKE	1 Scruple.
20 Peny weig.		1 Ounce	7 Scruples		1 Dram.
12 Ounces		1 po. Troy	8 Drains		1 Ounce.
			12 Ounces		1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

28 Pound	MAKE	1 Quarter.
16 Drains		1 H or 112
4 Quarters		
16 Ounces		1 Tun.

Of Liquid Measure

Dry Measure.

2 Pints	1 Quart.	2 Gallons	MAKE	1 Peck.
2 Quarts	1 Pottle.	4 Pecks		1 Bushel
2 Pottles	1 Gallon	5 Pecks		land meas.
8 Gallons	1 Firkin of Ale, Sops, Herrings	8 Bushels		1 Bushel
9 Gallons	1 Firkin of Beer.	4 Quarters	MAKE	1 Quarter.
10 Gall.	1 Firkin of Salmon or Eels.	5 Quarters		1 Chald.

Long Measure.

3 Firkins	1 Kilderkin	3 Barly Corns	MAKE	1 Inch.
2 Kilderk.	1 Barrel.	12 Inches		1 foot
42 Gallons	1 Tierce of Wine.	3 feet		1 Yard.
63 Gallons	1 Hogshead	3 feet 9 Inth.		1 Ell
2 Hogsh.	1 pipe, Butt.	6 feet	MAKE	1 fathom
		5 yards and 1/2		1 Pole
		40 Poles		1 furlong
		8 furlongs		1 En. mile

Land Measure.

Cloath Measure.

1 Pole in breadth and 40 in length make a Rood of Land.	4 Nails	MAKE	1 Quarter.
4 Roods make an Acre, w <sup>ch</sup> contains 160 square Pole.	4 Quarters		1 Yard.
	5 Quarters		1 Ell.
	13 Quarters		1 Ell Flem.

A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compaſs of any Round Piece of Timber.

The Compaſs of the Tree in Inches.

Com.	In.	parts	Com.	In.	parts	Com.	In.	parts
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	822	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	151	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	228	51	8	349	81	3	310
22	44	865	52	8	30	82	3	250
23	40	901	53	7	730	83	3	152
24	37	690	54	7	447	84	3	78
25	34	743	55	7	178	85	3	6
26	32	122	56	6	924	86	2	936
27	29	787	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	566
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	759	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	696	98	2	261
39	14	270	69	4	561	99	2	216
						100	2	171

## The use of the Table.

**F**irst girt the Piece about, then look the length of that Girt, under the title *Com.* and against it is the length of a Foot solid in Inches and parts of Inches.

*Example.*

Suppose a piece of Timber be 80 Inches about, then look 80 under the title *Com.* and against it in the next Column toward the right hand is 3 Inches and 393 decimal parts of an Inch, (that is 393 thousand parts, supposing the Inch to be divided into 1000 parts) for the length of a Foot.

## For Square Timber.

Divide always 1728. (the Cubick inches in a foot solid) by the Content at the end, and the Quotient shews the length of a foot solid in Inches.

*Example.*

Let a piece of Timber be 12 Inches broad and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728 the Quotient is 14 Inches, and  $\frac{48}{100}$  parts for the length of a foot solid.

## For Boards.

Divide always 144 (the Inches in a foot square) by the breadth, and the Quotient shews the length of a foot square in Inches.

*Example.*

If a board be 16 Inches broad, then 144 divided by 16 the Quotient is 9 Inches for the length of a foot according to that breadth.

## For Circles.

If the Circumference be given, multiply it by it self, and then by 7, the last product divide by 88, and the Quotient shews the Content: if the Diameter be onely given, multiply it by it self, and then by 11 the last product divide by 14 and the Quotient shews the Content,

A Table of the hour and minute of Sun-rising every second day.

Day	January		February		March		April		May		June	
	ho	mi	ho	mi	ho	mi	ho	mi	ho	mi	ho	mi
1	8	4	7	15	6	16	5	14	4	21	3	4
2	8	1	7	11	6	12	5	10	4	17	3	4
3	7	58	7	7	6	8	5	6	4	14	3	4
4	7	56	7	3	6	4	5	2	4	11	3	4
5	7	53	6	47	6	0	4	58	4	7	3	4
6	7	51	6	43	5	56	4	54	4	5	3	4
7	7	48	6	40	5	52	4	50	4	2	3	4
8	7	45	6	46	5	48	4	46	4	0	3	4
9	7	43	6	42	5	44	4	43	3	58	3	4
10	7	40	6	38	5	40	4	39	3	56	3	4
11	7	37	6	34	5	36	4	35	3	54	3	4
12	7	33	6	30	5	32	4	32	3	52	3	4
13	7	29	6	26	5	29	4	29	3	50	3	4
14	7	25	6	22	5	25	4	25	3	48	3	50
15	7	21	0	0	5	21	4	22	3	47	3	52

Day	July		August		Septem		Octob		Nov		Decem	
	ho	mi	ho	mi	ho	mi	ho	mi	ho	mi	ho	mi
1	3	54	4	39	5	39	6	41	7	37	8	13
2	3	56	4	43	5	42	6	45	7	40	8	13
3	3	58	4	46	5	46	6	49	7	43	8	16
4	4	0	4	50	5	50	6	52	7	47	8	17
5	4	3	4	54	5	54	6	56	7	51	8	17
6	4	6	4	58	5	58	7	0	7	54	8	17
7	4	8	5	2	6	2	7	4	7	57	8	17
8	4	11	5	6	6	6	7	8	7	59	8	16
9	4	15	5	10	6	11	7	12	8	1	8	15
10	4	19	5	14	6	15	7	15	8	3	8	15
11	4	21	5	18	6	20	7	19	8	5	8	14
12	4	24	5	21	6	24	7	22	8	7	8	12
13	4	27	5	25	6	28	7	25	8	9	8	10
14	4	30	5	29	6	32	7	29	8	11	8	9
15	4	34	5	32	6	36	7	32	8	13	8	7

Seek the day on the side; and right against it, in every month, you have the hour and minute of the Sun-rising.  
 Look how many minutes the Sun rises after 3, 4, 5, 6, 7, 8. So many he sets before 9, 8, 7, 6, 5, 4.



# A Table of Annuities and Reversions.

What a pound  
be paid any num-  
ber of years hence,  
under 31, is worth  
in ready money.

What Annuity  
to continue any time  
under 31 years is  
worth in ready mo-  
ney at 6 per cent.

What 1 pound will  
amount to at any  
time under 31 years  
reckoning Interest  
upon Interest

	sh.	d.	q.	lb.	sh.	d.	q.	lb.	sh.	d.	q.
1	18	10	3	0	18	10	3	1	1	2	0
2	17	9	2	1	16	8	0	1	2	5	2
3	16	9	0	2	13	9	7	1	3	9	3
4	15	10	0	3	9	3	0	1	5	7	0
5	14	11	3	4	4	3	0	1	6	9	0
6	14	1	1	4	18	4	1	1	8	4	2
7	13	2	3	5	11	7	3	1	10	9	3
8	12	6	3	6	4	2	0	1	12	10	2
9	11	10	0	6	16	0	0	1	13	9	2
10	11	2	0	7	7	2	1	1	15	9	3
11	10	6	2	7	19	8	3	1	17	17	2
12	9	11	1	8	7	8	0	2	0	3	0
13	9	4	2	8	17	0	2	2	1	7	3
14	8	10	0	9	5	10	3	2	5	2	2
15	8	4	0	9	14	3	0	2	7	11	1
16	7	10	2	10	2	1	2	2	10	9	2
17	7	5	0	10	9	6	2	2	13	10	2
18	7	0	0	11	16	6	2	3	17	1	9
19	6	7	1	11	8	2	0	3	0	6	0
20	6	2	3	11	9	4	3	3	4	1	3
21	5	10	2	11	15	3	1	3	7	11	3
22	5	6	2	12	0	10	0	0			
23	5	2	3	12	6	0	3				
24	4	11	1	12	11	0	0				
25	4	7	2	12	14	8	10				
26	4	4	3	13	0	0	3				
27	4	1	3	13	4	2	2				
28	3	11	0	13	8	1	3				
29	3	9	1	13	11	9	2				
30	3	5	3	13	15	2	2				

By this Table you  
may readily find the  
increase of any other  
sum for such a num-  
ber of years: for if a  
come to so much  
then such suppose  
5<sup>th</sup> will come to 5  
times as much &c.

The

*The use of the Tables.*

**T**HE first Table shewing the decrease of one Pound yearly at 6 per cent. may be used in buying Reversions, &c. As suppose a parcel of Land or House or the like, whose fee simple or real worth is 200<sup>lb</sup>, and it be Mortgaged or Leased out for 20 years, then what is the Reversion thereof after that 20 years worth in ready Money? for answer, I look against 20 years and find that the Reversion of one Pound after 20 years is worth but 6<sup>th</sup> 2<sup>d</sup> 3<sup>q</sup>, then if 1<sup>lb</sup> be worth 6<sup>th</sup> 2<sup>d</sup> 3<sup>q</sup>, 200<sup>lb</sup> will be 200 times as much, which will be 62<sup>lb</sup> 5<sup>th</sup> 30<sup>d</sup> for the value of the reversion required.

The second Table may be used in buying of Leases, &c. as suppose I am to buy a Lease of 10<sup>lb</sup> per annum, for 21 years, what ready money may I give at the rate of 6<sup>lb</sup> per cent. per ann. for answer, I look against 21 years and find that 1<sup>lb</sup> annuity to continue 21 years is worth in ready money 11<sup>lb</sup> 15<sup>th</sup> 3<sup>d</sup> 1<sup>q</sup>, then I say if 1<sup>lb</sup> annuity for 21 years be worth 11<sup>lb</sup> 15<sup>th</sup> 3<sup>d</sup> 1<sup>q</sup>, then 10<sup>lb</sup> annuity for the same time will be worth 10 times as much, which will be 117<sup>lb</sup> 12<sup>th</sup> 8<sup>d</sup> 2<sup>q</sup>, for the value of the Lease required.

The third Table may be used in putting out money for a certain time at 6<sup>lb</sup> per cent. per ann. as suppose 20<sup>lb</sup> be let out for 7 years what will it amount to in that time, reckoning Interest upon Interest? For answer, I look against 7 years, and find that 1<sup>lb</sup> will amount to in that time 1<sup>lb</sup> 10<sup>th</sup> 0<sup>d</sup> 3<sup>q</sup>, then I say 20<sup>lb</sup> will amount to 20 times as much, which will be 30<sup>lb</sup> 1<sup>th</sup> 3<sup>d</sup>.

The use of the following Table is plain and easie, for suppose I am to find Easter this present year 1698, then having found the Golden Number 6, and Dominical Letters ED at the bottom of the Table, I look under the Dominical Letter D at the top, and right against the Golden Number 6 at the left hand, and in the Common angle of meeting I find April 12 Easter Day.

Swallow 1696.

A Table shewing how to find Easter for ever  
by the help of the Golden Number  
and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	apr. 1
iii	Apr. 10	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar. 26	27	28	29	21	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	mar. 31	apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar. 28	29	30	31	apr. 1
xi	Apr. 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar. 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	5	7	8
xvi	Mar. 16	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 30	31	apr. 1
xix	Apr. 23	24	18	19	20	21	22

Year of our Lord	1691	1692	1693	1694	1695	1696	1697
------------------------	------	------	------	------	------	------	------

G.N.	1	2	3	4	5	6	7
------	---	---	---	---	---	---	---

D.L.	D	E	A	G	F	E	C
------	---	---	---	---	---	---	---

The

*Swallow 1696.*

*The Names of the principal Fairs in England, as they have heretofore been set forth by others, and are now Corrected and continued for the common good.*

*January.*

**T**HE 5 day at Hicetford in Lancashire, the 6 day at Salisbury, Tuesday after at Melton-Mowbray, the Thursday after at Banbury: the third Tuesday in January at Potton: the 25 at Gravesend, Bristol, Churchinford, Northallerton in Yorkshire every Wednesday from Christmas till June.

*February.*

The 1 day at Bromley in Lancashire, the 2 at Reading in Berkshire, at Maidston, Bicklesworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Feverham: 24 at Henley upon Thames, Baldock: On Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The first Thursday in Lent at Banbury: the 26 at Stanford an Horse Fair.

*March.*

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Aisome in Norfolk, Sudbury, Wooburn, Stantord, at Wye: 13 at Bodwin in Cornwall: 20 at Durham, Alesbury: Munday before our Lady day at Kendal, at Wisbich. 25 at Huntington, Northampton, Maiden, Ashwell in Hertfordshire, Newcastle, Oney, S. Albans: Midlent Saturday at Saffron-Walden: Palm Sunday-eve at Wisbich, Worcester, Pomfret, on Goodfriday at Norwich, the Tuesday before Easter at Potton.

*April.*

Easter Munday at Oney in Bedfordshire, Gainsborough. Easter Tuesday at Daintry in Northamptonshire, Godmanchester, Schole in Norfolk, S. Edmunds-bury. On Wednesday at Wellingborough in Northamptonsh. On Friday

## Swallow 1696.

in the same week at Darby. On Saturday at Bicklesworth :  
2 day at Hitchin, at Rochford, Northfleet : 5 at Walling-  
ford : 7 at Derby, 9 at Billingsworth, Bicklesworth : the  
12 at Stabford, 23 at Ipswich, Harbin in Norfolk, North-  
ampton, Saplar in Hartfordshire, Charing, Hunningham,  
Tamworth, Bury in Lancashire. S<sup>r</sup> Pombs in Cornwall,  
Amphill, Chichester, Engfield, Gilford, Bishops-Hatfield :  
the 25 at Buckingham, at Bourn in Lincoln. at Colebrook,  
Dunmow in Essex, Darby, Oakham in Rutlandshire : the 29  
at Tenderden in Kent, Cleet, 30 at Beverly a week together.

### May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard  
in Huntingdonshire, Rippon in Yorks. Reading, Maidstone,  
Chelmsford, Leicester, Litchfield, Loxfield in Suffolk, Stow,  
Stansted, Tuxford in the Clay, the 3 day at Elstow in  
Bedfordshire, Noneaton in Warwick. Thetford in Nor-  
folk, Waltham Abby, Hunningham, Rochdale, Bramyard.  
the 6 at Almsbury, at Althford, 7 at Newton in Lanca-  
shire, Beverly, Oxford, Bath : the 8 at Maidstone; the 11.  
12. 13. at Applechaw, 19 at Rochester, Dunstable, Magfield  
in Suffolk. On Rogation Munday at Reach. On Ascension  
day at Thaxted, Beverly, Rippon, Sadminster, Bishopstrat-  
ford, S. Neots, Wickham in Lancashire, Middle-wich in  
Cheshire, Chappel-Frith in Darbish. On Whitfun-even  
at Skipton in Craven. On Whitfun-Munday at S. Ives,  
Rygate in Surry, Bicklesworth, Bradford, Agmunham  
in Buckinghamsh. On Whitfun-Tuesday at Newmarket. On  
Wednesday at Royston. Thursday at Oundle in Nor-  
thampton. 26 at Lenham, 29 at Crainbrook.

### June.

Trinity-even at Rowel, Kendal. On Corpus Christi day  
at Banbury, Bishopstratford, S. Neots, Coventry, Newbu-  
ry. The 3 at Alesbury : 9 at Maidstone. 11 at Breme in  
Norfolk, Bardfield in Essex. 17 at Hadstock, 23 at S. Al-  
bans, Deerham in Norfolk, Shrewsbury, 24 at Hailon in  
Suffolk, Barnwel by Cambridge, Bedford, Colchester,  
Hartford,



## Swallow 1696.

Hartford, Leicester, Rumford, Reading, Windsor, Halifax, York, Beverly, Hallingden, 26 at Bristol, Darby. 27 at Barton on Trent, Folfstone. 28 at S. Pombs in Cornw. 29 at Peterborough, Ashwel, Sudbury, Stebbing in Essex, Benington in Hartfordshire.

### July.

The first Tuesday at Potton. The 1, 2, 3 days at Congleton in Cheshire, 7 at Royfton, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodstock. The 22 at Ickleton, Bicklefworth, Norwich, Colchester, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipswich, Stamford.

### August.

The first day at Bedford, S. Neors, Dunstable, Ferverham, Wisbich, Bicklefworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Oundle: the 13 at Cambridge, Harrington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars-bush, Burton, the 28 at Ashford, Daintry: the 29 at Halsen in Suffolk, Harlow-Bush in Essex, Watford.

### September.

The first day at S. Giles in the Bush. On Thursday and Friday before the 8 day at Sandback in Cheshire. 7, 8, 9, 10 at Woodbury-hill in Dorsetshire, 7 at Ware, 8 at Huntington, Bury in Lancashire, Partney, Wakefield, Northampton, Sturbridge fair begins: The 11 at Woolpit in Suff. 14 at Rippon, Waltham-Abby, Chesterfield in Darbshire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderness, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Basingstoke, Marketdeeping, Shelford in Bedfordsh. Bishopstortford. Malden, Stew in Lincolnsh. S. Albans, Canterbury, Leicester, Newbury, Westchester, Weymer for 7 days: Thursday after at Banbury.

October.

## Swallow 1696.

### October.

The 2 day at Salisbury, the 6 at Havent in Hampl. Maidstone, Coolidge, Gayworth by Lyn, S. Faiths by Norwich: the 8 at Bishopstratford, Harborough, 9 Gainsborough: the 13 at Winsor, Colchester, Gravelend, Hitchin, Royston: the Tuesday before S. Luke at Potton: 18 at Ely, Bishop Hatfield, Barnet, Banbury, Thrift, Burton, on Trent, Westinborough: the 21 at Salfron Walden, Coventry: the 23 at Bicklesworth, 24 25, 26. at Applechaw, 28 at Newmarket Hartford, Oxford, Diss, Wakefield, Stamford, Richdale, in Lancashire.

### November.

The 1 day at Chelmsford, 2 at Epping, Kingston on Thames, Padamhaston in Suffolk, 6 at Newportpona, Bedford, Hartford, 11 at Ludden in Norfolk, Lenton in Nottinghamshire, Hempton, Fockingham, Bridgestock, Marlborough: the 17 at Spalding in Lincolnsh. Lincoln, Barlow, Hide, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmundsbury, Ingerston in Essex, Heath, the 23 at Sandwich, the 30 at Baldock, Bareford, Kollingborough, Maidenhead, Warrington, Rochester, Wakefield, York.

### December.

The first day at Tutbury: the 3 at Pluckley: the 9 at S. Neors, at Woodstock, Exeter, Spalding, Norwich in Cheshire, Seven-oak in Kent, Arundel, Grantham: the 7 at Sandhurst, the 8 at Northampton, Clitheral in Lancashire, Huntington, Leicester, at Malpas in Cheshire: the 19 at Canterbury, Salisbury.

### Advertisements.

**B**astmans true Spirit of Scurvy-Grass, both plain and Golden, so long famous for the cure of the Scurvy, Gout, Dropfic, and several other Chronical Diseases, are still prepared by John Hooper and Partner, and sold by them at their house in *Pauls Church near Doctors Commons*. price 1 s. each Bottle.

Also the Grand Balsamick Pill, prepared chiefly for the Distempers of the Head and Stomach, made and sold by John Hooper at his house aforesaid. price 1 s. the Box.

F I N I S.

